

## Product datasheet for AM08164FC-N

## CD79B Mouse Monoclonal Antibody [Clone ID: CB3-1]

**Product data:** 

**Product Type:** Primary Antibodies

Clone Name: CB3-1
Applications: FC

**Recommended Dilution:** Flow Cytometry: 10 µL/10e6 cells.

Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

**Specificity:** This antibody reacts with the beta chain of CD79. (Ref.1-4)

**Formulation:** PBS containing 0.09% Sodium Azide as preservative.

Label: FITC

State: Liquid purified Ig fraction.

Label: Fluorescein Isothiocyanate Isomer 1

Conjugation: FITC

**Storage:** Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer.

This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**Gene Name:** CD79b molecule

Database Link: Entrez Gene 974 Human

P40259

Background: CD79 is a 23/21 disulfide-linked heterodimer composed of an alpha chain (CD79a/mb-1) and

a beta chain (CD79b/B29).

CD79b is the B cell antigen receptor Ig beta chain (BCR Ig beta), which associates with B cell

antigen receptor Ig alpha chain to form a functional heterodimer that interacts with

membrane immunoglobulin (mlg). The mlgM component binds antigen and the lg alpha/lg beta heterodimer tranduces signals. CD79 beta is a B cell specific marker, valuable for the

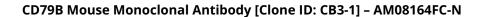
detection of B cells at all maturation stages.



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**Synonyms:** B29, IGB, B-Cell marker